



Mission Success Starts With Safety



Construction Safety

SSC Construction Inspection
Safety Findings/Stats

July 2015



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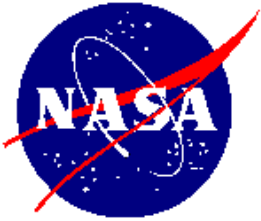
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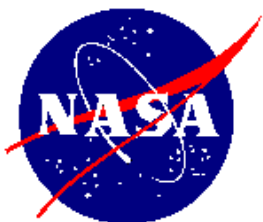
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Construction Safety Findings: 29 June - 03 July 2015

Findings Total: 0

-Serious Findings: 0

-Less than Serious Findings: 0

Other:

1. **HPIW B-Leg:** After several months of an outage, a successful flow of High Pressure Industrial Water onto the B-1 Test Stand took place on the afternoon of July 2, 2015.



Building 4400 supplying HPIW, July 2, 2015



Construction Safety Findings: 06-10 July 2015

Findings Total: 0

- Serious Findings: 0
- Less than Serious Findings: 0

Mishaps / Close Calls: 0

- Mishap: 0
- Close Call: 0

Other:

- A inventory sweep is being conducted for Cree T8 light bulbs which have been identified in a Consumer Products Safety Commission recall as experiencing electrical arcing which may cause the lamp to overheat and melt, posing a burn hazard.

<https://sccampus.ssc.nasa.gov/ssa/docs/Cree%20LED%20lights.pdf>



Construction Safety Findings: 13-18 July 2015

Findings Total: 0

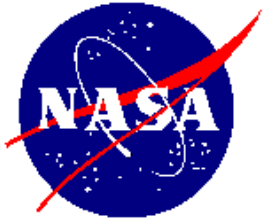
-Serious Findings: 0

-Less than Serious Findings: 0

Mishaps / Close Calls: 3

-Mishap: 3

1. On July 14, a temporary labor employee overcome by heat was transported to the SSC clinic. The patient was given an IV at the clinic, put under observation, and was subsequently transported Ochsner Hancock Medical Facility. The patient was kept overnight at the hospital and was released the morning of July 15. (Type D – OSHA Recordable)
2. On July 16, a pipe fitter complained of being overheated. The SSC fire department responded and transported the patient to Ochsner Hancock Medical Facility where IV fluids were administered. The patient was advised to restrict their work to a conditioned office space for one day. (Type D – OSHA Recordable)
3. On July 18, a temporary labor employee walked through a wet area below the B-1 deflector, slipped, and injured their leg. The patient was transported to Ochsner Hancock Medical Facility where medication was prescribed. (Type D – OSHA Recordable)



Construction Safety Findings: 20-24 July 2015

Findings Total: 0

-Serious Findings: 0

-Less than Serious Findings: 0

Other:

In light of the two (2) heat stress incidents from last week, a safety “pause” was held on July 22, 2015 at the B test stand West Pier parking lot. The SSC Center Director spoke about his concern for worker safety and the need to use the proper preventive methods to decrease the effect of heat and humidity. Construction contractor project management personnel reinforced the Center Director’s message regarding safety. The construction contractors broke into groups to assess activity hazard analysis and give last minute safety instruction to the workers.



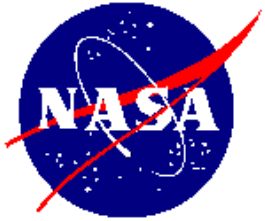
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Center Director Addressing Workers

22 July 2015





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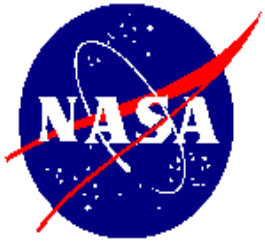
Construction Safety Findings: 27-31 July 2015

Findings Total: 0

- Serious Findings: 0
- Less than Serious Findings: 0

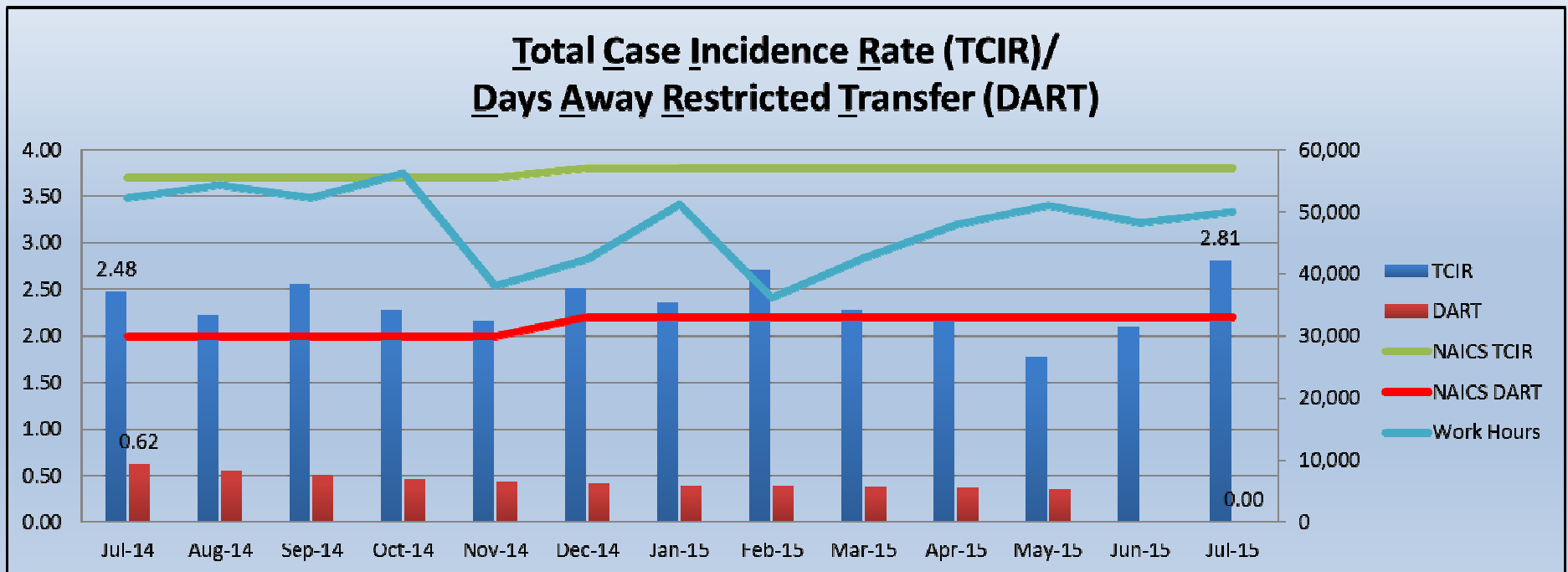
Mishaps / Close Calls: 0

- Mishap: 0
- Close Call: 0



SSC Construction Metrics

- For the month of July, the following occurred in NASA Direct Construction:
 - There were **2 type D** injuries, both involving heat stress: On July, 14, on the second day at SSC, a subcontracted worker, after being overcome by heat, was treated with IV fluids at the SSC clinic, and was sent to Ochsner Hancock County Hospital for follow up. On July 16, a subcontracted worker at the end of their shift, became overheated and was transported to Ochsner Hancock County Hospital for treatment, where IV fluids were administered.



2013 NAICS Industry Code (Construction) TCIR = 3.8
2013 NAICS Industry Code (Construction) DART = 2.2



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Questions?

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Have a Safe month!